MDCL.

AN ALMANACK

FOR THE YEAR OF OUR LORD 1650.

Being the third after Leap year and from the Creation 5584.

Calculated for the Longitude of 315 degr. and Elevation of the Pole Arctick 42 degr. & 30 min. & may generally serve for the most part of *New-England.*

Parvum parva decent: sed mensi sua gratia parvis.

By Nathaniel Ames.

Printed at CAMBRIDGE. 1650.

There will be 4 Eclipſes this year, 2 of ☉ Sun & 2 of ☽ Moon.

1 Of the Sun ☉ 20 d. 2 h. of April, which will be viſible in the Southern part of America, Braſile and Chile, but cannot be ſeen of us in regard of the Moons Southern Latitude.

2 Of the Moon the 5 of May, which will be viſible in the meridian of thoſe that dwell in 30 degrees of Longitude & Weſt from here, becauſe the moon will be under our Horizon.

3 Of the Sun the 31 of October, conſpicuous in ☉ Eaſtern countries, Armenia, Perſia, India & China: but will not be viſible here, becauſe the conjunction of ☉ Luminaries will happen many houres before Sun riſing.

4 Of ☽ Moon 15 October which will be viſible here.

The beginning	at	1 h. 26 m.	in the morning.
The middle		2 h. 52 m.	
The end		4 h. 17 m.	

So that ☽ whole duration of this eclipſe will be 2 hours & 51 m. and the digits eclipſed about 6.

The 4 Quarters of this year, 1650.

The Vernal or Spring Quarter begins when ☉ Sun enters into the firſt degree of the ♈ ſign Aries, which this year is the 11 of March at 3 h. 30 m. in the morning, making then equal day & night.

The Eſtival or Summer Quarter begins at ſuch time as the Sun entereth into Cancer, which this year is upon ☉ 11 of June at 8 h. 30 m. after 7 in the morning: making then our longeſt day (viz. 15 hours 30 min.) & ſhorteſt night (viz. 8 hours 30 m.)

The Autumnall or Harveſt Quarter begins when the Sun enters into the ſign Libra, which this year is upon ☉ 12 of September at 3 h. 30 m. after 2 in the morning, making then equall day & night.

The Hybernall or winter Quarter begins when ☉ Sun enters into Capricorn, which this year is the 12 of December at 8 min. paſt 12 before noon, making then our ſhorteſt day (viz. 8 hours & 52 min.) & longeſt night, (viz. 15 hours 8 min.)

The vulgar notes of this year, accordingly to the Julian account.

The Golden number	17.	The Circle of the Sun	9
The Epact	7.	The Roman Indiction	3

The firſt month called *March* hath xxxj dayes.

| moon | ☌ | | |

			♈	29 m	6	32 m
		on the 28 day ☉ Sun riseth at	♉	13 m & setteth at	6	47 m
		28	♉	3 m.	6	57 m

Dayes						
1	2			☌	♄	♈
2	3	Court Court at Cambridge.		☌	☿	♈
3	4					
4	5					
5	6			☌	♄	☉
6	7	● Full moon 5 m past 7 in		☌	♄	♂
7	1	morn. ♂ in apog. ☿ pl.				
8	2	☽ perig. ♀ in ♈ direct.		☌	♄	♀
9	3					
10	4	Sun in Taurus.		☌	♄	♀
11	5					
12	6	☾ Last quart. 46 m past 6 at		□	♂	♎
13	7	night. ♀ in ♉				
14	1	♂ in ♉		△	♄	♑
15	2					
16	3	☿ in perig. Epicycle		☌	☿	♈
17	4					
18	5			☌	☉	♈
19	6	♀ in apog. Epicycle		☌	☿	♂
20	7	● New moon 24 m past		☌	☉	♂
21	1	noon.				
22	2	☽ apog.		☌	☉	♀
23	3					
24	4			☌	☿	♑
25	5	Colity Court at Bolton.		☌	☿	♑
26	6			☌	♂	♑
27	7			☌	☿	♑
28	1	☽ Second quart. 56 m past 4		☌	☿	♑
29	2	after noon.		△	♂	♑
30	3					

ERAT. 2 The 3 persecutiõ by Traian An. 108. Simon ☽ Cananite (Apostle) being 120 yeares old & Ignatius bishop martyr. on . The 4 persecutiõ under Anto. Verus An. 167. Polycarpus bishop of Smyrna suffered ☽ Jewes Procurãte Instig. Mercurij suffer. & many in France, with great cruelty. Christian souldiers got nãme for ☽ ir persecuters many by prayer, whereupon persecutiõ ceaseth. Great controversie in ☽ churches about the observatiõ of Easter. Lucius a christian King in Britain. This age had also Hegesippus Clemens Alexandrinus & Irenæus. Infected with the Gnosticks, Valentine, Marcion, Cerdon, Martian, & ☽ Devils first born Ja and Montanus.

d Day Aug 1640: Disputirt ich [illegible]
Dnm Cons. Mr D: Mollerum in Dysd.

Dayes								
		on the 19 day ☉ Sun riſeth at		4 52 m		☌ Cometh at	7 9 m	
				4 41 m			7 19 m	
				4 34 m			26 m	
1	4				□	♄	☽	
2	5							
3	6				△	♄	☽	
4	7							
5	1	● Full moon 31 m paſt 3 after noon.			☍	☿	☽	
6	2		☾ perig					
7	3	☿ in ♊	Court at New-		☌	☌	☉	
8	4	haven.						
9	5				△	♀	☽	
10	6	☉ in Gemini.						
11	7				□	☌	☿	
12	1	☾ Laſt quarter 40 m paſt 6 in the morn.			△	♃	☽	
13	2							
14	3	☉ in ♊. ☿ in perig eccen.			✶	☿	☽	
15	4	☿ in apog. Epicycli.						
16	5				✶	☉	♂	
17	6							
18	7	♄ in ♐						
19	1				☌	☌	☽	
20	2	● New moon 49 m paſt 5 in ☽ morning.			☽ Apog.			
21	3				△	♄	☿	
22	4	Court of ELECTION at						
23	5	Boſton.						
24	6				□	♃	☽	
25	7	☌ in ♊						
26	1				☍	☿	☉	
27	2				□	☌	☽	
28	3	☽ Second qu. 47 m aft. 4 in ☽ morn. A Fair at Salt.			△	♃	☿	
29	4							
30	5	☿ in 29 deg. ☿ in ♉			☍	♄	☿	
31	6				△	♀	☿	

CENT. 3 The fifth perſecution under Severus An. 207. Hæreſies abound the monſter of nature. The 6 under ☽ gian. Mr. simmons. Ann. 237. The 7 by Decius, An. 250. Very many are cruelly martyred. Great deſolation by a peſtilence of 10 yeares continuance. The 8 perſecution by Valerian An. 259. who is after made a footſtool of Sapor King of Perſia. The 9 under Aurelian An. 274. In this age lived Tertullian, Origen, & Cyprian of Carthage, martyr. Heterodoxies Adamites Theodotians, Arrians, rigorous Novatians, Sabellians, Samoſatenians, and Manes from whom the Manichees who was ſlain by the King of Perſia his skin flead alive.

			♌	28 m		♈	32 m
		on the 10 day ☉ Sun riseth at	♌	26 m	& se teth at	♈	34 m
			♌	27 m		♈	33 h

dayes					
1	7	☌ in ♋			
2	1		☌	♄	♀
3	2	Artillery at Boston ● Full	☽	perig.	
4	3	moon 46 m aft: 10 at night	☍	☿	☽
5	4				
6	5	Hartford Court.	□	☿	☽
7	6	[illegible]			
8	7		△	☿	☽
9	1		□	♂	☽
10	2	☾ Last quar: 16 m past 7 aft.			
11	3	noon. ☉ in Canc. Sun is oft	△	☉	☿
12	4				
13	5		✱	♄	☽
14	6				
15	7	♄ in apog. Epicyli.	☌	☉	♄
16	1				
17	2	☾ Apog.	☌	☿	♂
18	3	☌ in ♌ ● New moon 6 m	☌	♄	☽
19	4	after 7 at night. ☿ direct.			
20	5		□	☿	☽
21	6				
22	7		✱	♂	☽
23	1		✱	♄	☽
24	2				
25	3	Quarter Court at Salem.	□	☿	♀
26	4	☽ Second quar 16 m past 2	☍	in	♌
27	5	after noon.	△	♂	☽
28	6		□	♀	☽
29	7				
30	1		△	♀	♃

CENT 4 The Church secure & contentions is awakned by ☽ 10. persecutiõ under *Diocleſian*. An 304. Very many martyr.d. *Conſt.ne*: ☽ great brings peace & prosperity to ☽ church. *Conſt. nius* infected w. Arrianisme. *Iulian* ☽ Apostate by malicious policy seeks to undo christii religion. *Ap llus* Temple at *Delphos* destroyed by fire. Prodigies hinder ☽ rebuilding of ☽ at Ierusalē. *Valens* an Arrian persecut. *Theodoſius* by a miraculous tempest overcometh *Eugenius*. Now flourish *Arnobius*, *Lactantius*, *Paphnutius*, *Athanaſius*, *Euſebius P.m*, *Ioſias*. *Hilarius*, *B. of* ☽ great. *Nazianzen*, *Ambroſe*, *Greg Nyſſ*, *Pruden*, *Iſeſius*, *Epiph.nius*. Hereticks. *Arrius*, *Macedonius*, *Photinus*, *Audeus*, *Donatus*.

1			4 33 m.		7 17 m.
2	☉ entre to day ☽ Sun riseth at	6	4 39 m.	☉ sometimes	7 14 m.
	20		4 49 m.		7 11 m.

2	☽ perig.	☌ ☿	♎
3	☿ Retro. New-haue Court.		
4	● Full moon 48 m. after 9.	☍ ☾	♓
5	☽ in the morning.		
6	☿ in ♏	△ ♂	♑
7		△ ♃	♌
8	♂ in ♐.	□ ♄	♍
9			
10		△ ☿	♑
11	☾ Last quart. 26 m. past 5.		
12	☽ in the morning	✶ ♄	♑
13	☿ in perigeo. ☉ in Leo.	□ ☉	♍
14		□ ☾	♍
15	☽ in prog.		
16		□ ♃	♍
17	☿ in prog ♑.		
18		☍ ☿	♓
19	● New moon 44 m. past 9.		
20	☽ in the noon.	☍ ♃	♓
21	☿ in ♏	☍ ☿	♓
22			
23		✶ ☿	♑
24	☿ direct.	□ ♃	♍
25	☽ Conjunct ☿ at Noon.	△ ♄	♌
26	☽ in quar. 48 m. past 9 night	△ ☾	♌
27		✶ ☿	♑
28			
29	☽ perig.	✶ ☿	♑
30	☽ COMMENCEMENT	✶ ☾	♑
31		□ ☿	♍

CENT. 5 The *Goths* harrass Italy, sack Rome, seize on Spain. The *Vandals* settle in Africk, & sorely persecute ye church there. Under *Genserick* as they sack Rome. *Attila* & his *Huns* scourgeth ye Roman Empire. *Odoacer* with the *Heruls* drives *Augustulus* out of Italy. Himself in *Theoderick* ye Goth expels & reigns there. Many Jewes following a feined *Messias*, are drowned in ye Mediterranian Sea. Learned men *Chrysostome*, *Augustine*, *Ambrose*, *Cyrill of Alexandria*, *Theodoret*, & *Eusebius Pamphilus* & *Socrates*, historians, *Heroicks*, *Pelagius*, *Nestorius* & *Eutyches*, very troublesome to the Church.

month	☉	☽				
dayes	♌		on the 1st day ☽ sun riseth at	♍ 3 m.	♎ 17 m.	
				♎ 14 m. & setteth at	♑ 6 m.	
				♑ 27 m.	♑ 32 m.	
1	♌	☾	Full moon 19 m. after 1			
2			Conj. ☿ ☌ ♀ in Leon.	△ ♅	☽	
3	♍	♀	in ♎.			
4				△ ♅	☽	
5			□ ♅ ♀			
6			Court at New-haven,	☍ ♂	♀	
7						
8		☾	Last qu. after 42 m. 9 at	□ ♅	☽	
9			night.			
10	♎			☍ ♅	☽	
11						
12		☾	Apog.	□ ♀	☽	
13			☉ in Virgo.			
14			♀ in ☌.	☌ ♂	☽	
15						
16		☽	New moon 27 m. past 12	☌ ♂	♃	
17			at night.			
18				☍ ♄	♃	
19				☉	♀	
20				☌ ♀		
21						
22						
23				□ ♂	♃	
24	♏	♂	in ♌.			
25		♀	in ♍.	□ ♄	♀	
26		☽	Second quart: 12 m. after	☍ ♀		
27			1 4 in ♑ morn. ☽ perig.			
28		☍	♅ ♀	☍ ♄	☉	
29						
30				△ ♀		
31		☾	Full moon 50 m. p. 8	☍ ♄	♀	
			at night.			

CENT. 4. *Vvode* ℔ *that* the Emperors a patron to ℔ Eutychea heres ℔ Theodori, persecutes ℔ christias in ℔ west. *Valentinian* vanquisheth the Vandals in Africk & Nasses ℔ Goths in Italy, who being injured by ℔ Emperor call in ℔ Lombards. The Arians & Eutychē heresies breed much trouble. CENT. 7 After brif: between ℔ christs of Rome & Cōstantinople for Supremacy. *Phocas* (the calamity of ℔ Romane Empire) gives it to *Boniface* ℔ 3 of Rome. Now begins ℔ Kingdome of ℔ Popes & the *Mahumadan* superstitiō. *Idolatries* &c. *Archbishops* & other childheresies abound. Antichristia corrupt. daily increase. Many times [illegible]. Little learning, much Ignor-

The [illegible] called September [illegible] days

3		Court at Boston. m. New-haven	☽	☌	☉		
4							
5				△	♃		
6		A Fair at Newmarket.					
7		Apog. Lib. quint.		□	♄		
1		...pull ☽ ...noon. ♀ in ♍		△	☽		
2							
3		♀ in ♎		✱	☿		
4				☐	♆		
5		Sun in Libra. Æquinox.					
6				✱	☽		
7							
1		● new moon hour noon.		☌	☽		
2							
3				□	♄		
4							
5		✱ ☌ ♀		△	♃		
6				✱	☿		
7		☽ perig.					
1		Second quart. m. ☽ g. ☌		☌	☽		
2		10 before noon.		□	♄		
3		Quart. Court at Ipswich.					
4		A Fair at Salem.		☌	☉		
5		☽ in ♏		□	☽		
6							
7				□	♆		
1		○ Full moon 7 m. ☽ g. ☌ 11					
2		...pulse noon.		△	☌	♃	

...ERT. 1 Several Emperours oppose Images. ...demned by a gen... ...uncell at Constant: An. 715. Pope ...ranked by 8 Popes who ...pon excom: 8 Emp: Leo 8 drive his subjects from their obedience. ...w Popes slarp over the Emp: in ten generat. The Saracens conquer Spain. Zach. 747 8 makes Pipin King of France An 752. ...ds his dominion to 8 papacy. Princes kalls 8 Pope 1261. Then ...

...ERT. 9 The Turks coming out of Scythia first chastiseth in Armenia. Nicolas 8 1. prohibits Priests marrying, & lets up Images: excepts 8 church from 8 civil power. Then ...

			♑	27 m		♈	31 m
The	xxx	day	♑	30 m 6	length	♈	21 m
	30			33 m		♈	9 p.

1 Cold Coast Cambr. shrew
4 driven Coast.
5 ☿ in ♐.
6 ☾ Apog.
7
8
9 ☾ Lahquar. 36 m. past 1 ♑
10 Northern moon.
11 ☉ in ♏.
12
13
14
15 ☉ in Scorpio.
16 ● New moon 7 min. past 8
17 Midnight. ♄ Retrograde.
18
19
20 ☽ perig.
21
22
23 ☽ Second quart. 28 m. past
24 midnight.
25
26
27 ♄ Retrograde.
28
29
30 ○ Full moon 44 m. past 1 in
31 morn. A fair at Dorchester. Vir.
1 Cold. Coast. Sett. ☽ in apog.

☉ ☾ ☿ ♀ ♂ ♃ ♄ ☊ ☽

Oct. 30. The Hunge. & Saxons invade Italy. Henry 2 Emp. raises Emperour. Gre. § 1. mar. his cousin, by whose advice was the election of § 7 electors, whence § Emperour becomes elective.

Oct. 31 Charles § 8. his ♂ into Italy. Ingild. slew with § Danes Ingild there. The Turks take Tangrolipix in Persia. With § Hungarians Ingild. Assisius advice et conspiracies. Henry § 4 Emperour Ingild. Assisius advice et conspiracies. Henry § 4 Emperour his crown to Rodolph. The christian Ethiopians. Henry of Navarre § holy water & take Lorrel. 1598. The Jews [illegible] Emperour. Henry 4 [illegible] Emperour.

this moneth by 2 ships to Virginia

1 Letter to Mr John Curry
1 Letter to Mr Jos: Chichelay.
2 Letters to Mr Rob Hopkins
2 Letters to Cos. Jno Bucks by
1 Letter to Chy Clk Bristol.
1 Letter to Mr James Stanard
1 Letter to Mr Benj: Wood Virga.

The thirteenth moneth called *November* hath xxx dayes

				♃				
		on the 10 day ☉ Sun riseth at		7	7	& setteth at	4	43
			20	7	26		4	34

dayes.

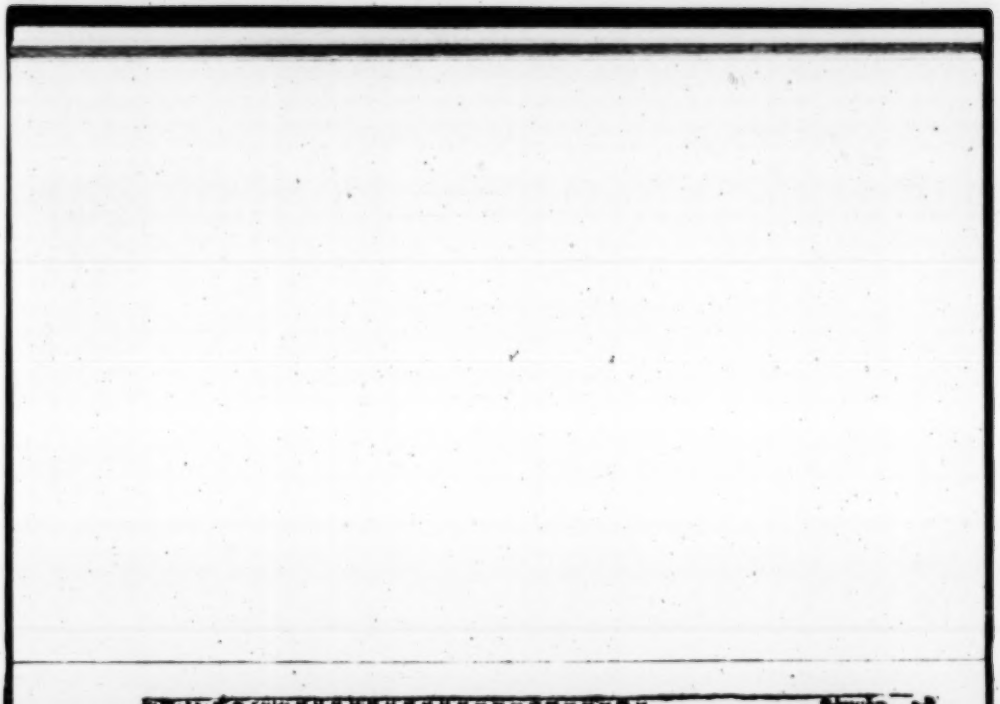
1	6	☾ Apog			
2	7		☌	☿	☉
3	1				
4	2	☿ in perig. Epicycli.	✶	♄	♂
5	3	New-haven Court.			
6	4	☾ Last quart. about 7 in ☽	☌	☉	☿
7		morning.			
8	6		✶	☿	♃
9	7	☌ ☿ ♀	☍	♄	♀
10	1				
11	2	Sun in Sagittarius.			
12	3	☿ in apog. eccentrici.	☌	☿	♃
13	4	● New moon 33 m. past 11			
14		before noon.	✶	♂	♀
15	6	♃ perig.			
16	7	☿ direct.	△	♂	♀
17	1				
18	2		✶	☿	♀
19	3	☽ Second quarter 48 min.			
20	4	past 2 in ☽ morning.	△	♄	♃
21	5		✶	☿	☉
22	6		□	♄	☽
23	7			♀	
24	1				
25	2	☿ in ♐.			
26	3		☌	☿	♀
27	4	● Full moon at 9 at night			
28	5	☿ in perig. Eccentrici.			
29	6	☽ Apog.	☍	♂	♀
30	7		☌	♄	☽

CENT 12 Pope *Theobald* ☽ 2 stirs up *Henry* ☽ 5 against his Father Hen: ☽ 4 whose dead body he takes up & keeps unburied 3 yeares. Pope *Alexander* ☽ 3 treads upon ☽ neck of the Emperour *Frederick Barbarossa*. fret much contention between them. The strife between *Becket* & King *Henry* ☽ 2 of England many calamities endured by ☽ Christians in the holy warr. Jerusalem taken from ☽ Christians by *Saladine* An. 1187. In this age flourished *Lombard* ☽ schoolman, *Tho. Cantipr. Gratian, Bernard, Hugo de S. Victore, Johannes de Temporibus* dyed 1139. *Arnulphus* sharply reproves the Romane clergy, then most vitious from whence ☽ *Waldenses* 1190.

			7	31 m		4	28 m
	6 in the 10 day ☉ Sun riseth at		7	34 m	& setteth at	4	26 m
	12		7	33 m		4	27 m

1	☿ in ♐	△	♀	☽
2	Court at New-hav.	□	♂	☽
3	☌ in ♎	□	♀	☽
4	Court at Hartford ☾ Last quarter 42 m. past midnight.	☌	☌	☽
5		△	♀	☽
6				
7		□	♀	☽
8	☉ in Cap. winter Solsti.	☌	♀	☽
9	☽ New moon 58 m past 10 in night. ☽ perig.	☌	♄	☽
10		✱	♀	♂
11	♂ in apog. Eccentrick.	△	♄	☽
12				
13	☽ Second quart. 20 m p. 8 after noon. ♃ in Sagitt.	□	☉	☌
14		✱	♀	♂
15	☿ in ♐ p.l. ♄ in per. Epic.	☌	♄	☉
16		□	♀	
17		△	☌	☽
18				
19		☌	☌	☽
20	☽ Apog. ● Full moon 30 m past 4 at night.	□	♄	☌
21		☌	☌	☽
22		✱	☌	☽
23				
24	☽ Quarter Comm at Salem.	♀	☍	

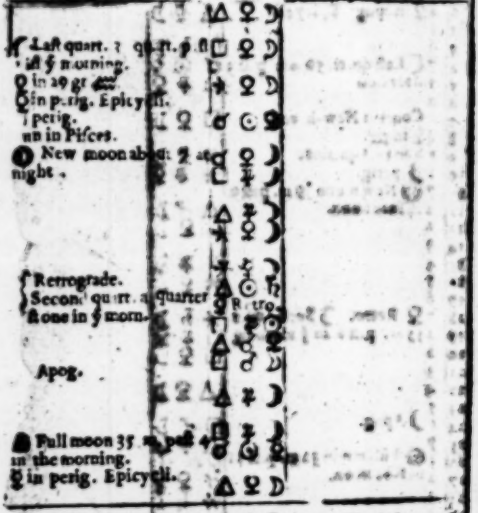
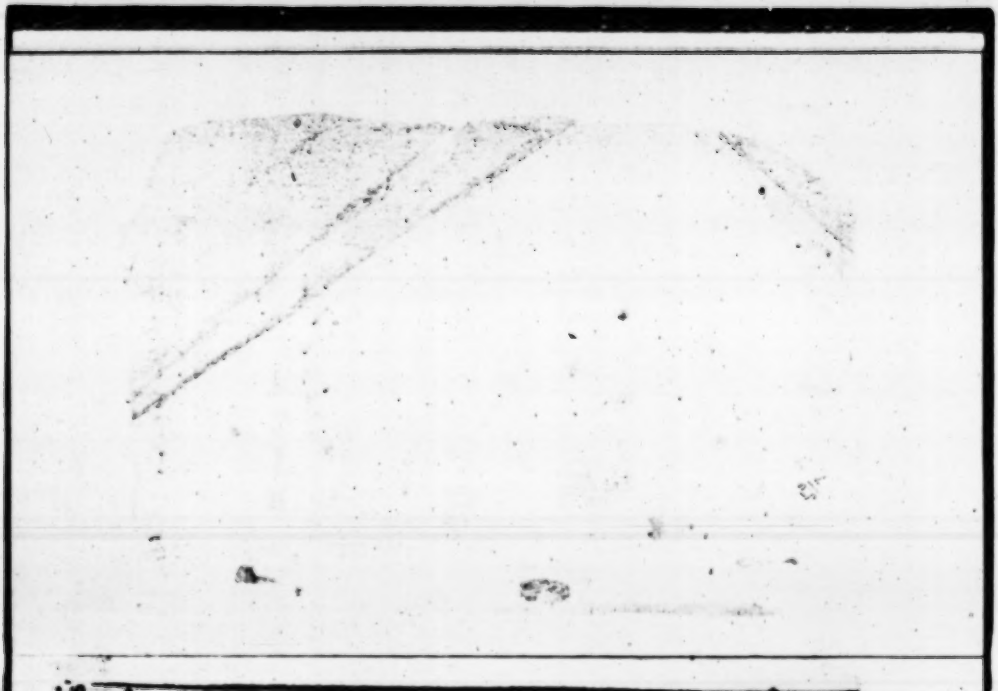
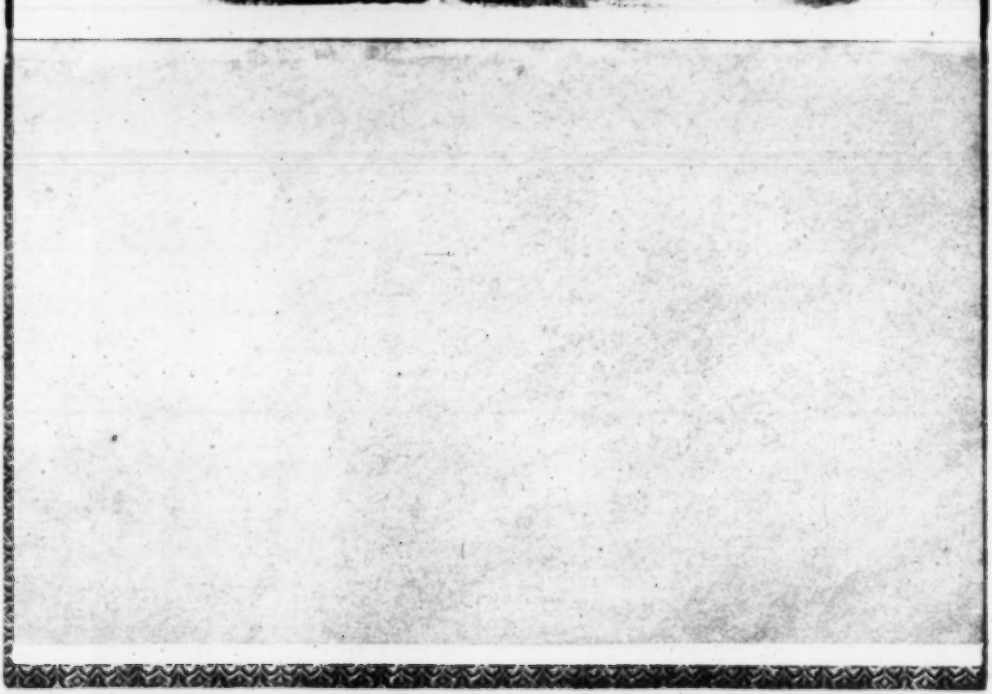
CHRIST. 13 The Turcs a swarming from ye north side of Asia under Othoman their kingdom & drive ye Turkes out of Persia An. 1202. wherein ye also sorely vexeth ye Pope. Divers expeditions of Christian princes into Palestine w calamitous success. Learned men Alex de Ales. Alb. Mag. Aquinat. Dunc Scotus. Corruptios opposed by Gualt. de S. Amore & Grostheed. CENT. 14 Ottoman beginneth ye Turkish kingdome in Bithinia. Edward the 3. gets several victories in France & wins Calliee. The Tartarian Tamerlain beares downe ye world before him & puts Bajazet in a cage. The Romane Apostacie discovered by Marsil. Paterunus, Petrarch. Clem. Armach. Ockam. T. Wiclif. & others, but in speciall by ye English Wicklifists.



		☽	25 m			
	on the 10 day ☿ Sun riſeth at	7	18 m & ſetteth at	4		
	20	7	6 m	4		
days						
1	☿ in apog. Epicycli	△	☿	☽		
2						
3						
4	☾ Laſt quart. 50 m. p. paſt 3	□	☽	☍	☉	
5	after noo.					
6						
7	Court at New-haven.	□	☿	☽		
8	☿ in ♒.					
9	☉ Sun in Aquarius.	✱	☉	☍	☽	
10	☽ perig.					
11	☽ New moon 39 m. paſt 9.	✱	☽	☌	☉	
12	before noon.					
13		△	☽	☍	♄	
14						
15						
16		✱	☽	☌	☿	
17						
18	☿ Remo. ☽ Sec. 2 quar.	✱	☽	☍	♃	
19	155 m. paſt 6 in ☽ morning.	□	☽	☌	♂	
20						
21						
22		△	☿	☽		
23						
24	☽ Apog.	□	☽	☍	♀	
25						
26	● Full moon 32 m. paſt 11	△	☽	☌	☉	
27	before noon.	☿	in	☌	☉	
28						
29		✱	☽	☌	☉	
30						
31	☉ County Court at Boſton.	□	☽	☍	☿	
	6 △ ☉ ♂.	△	♄			

ENT. 15 John Hus & Jerom of Prague propogate the doct. of Wickliffe & are perfidiously burnt at Conſtance. In the ſame *Zeſia* with his Huſſits takes arms & is victorious in many battels. The valiant *Hunniades*, & *Scanderieg*, bravely check the Turk. Battell of Varna An. 1444. of Octobr 1448. At Baſil ☽ gen. c. is determined to be above the Pope; & *Eugenius* depoſed. In the 24. by ☽ councell of Conſtance. Learning is rev. *Traſmarinus*, *Valla*, *Alexander*, *Picus Mirandul.* *Laurentius*, and others, and by ☽ Invention of print. ally weary the Antichriſtian yoke.

		6 52 m	15	8 m.
☌	on the 10 d. ☽ ☌ ☉ Sun riseth at	6 40 m.	& setteth at	5 20 m.
	20	6 28 m.		5 34 m.



16 The Gospell breaks out in Germany, The Princes of Germany at Smalcald. *Henry* 8 aboliſheth ☽ *Popes* ſupremecie in his dominions. ☽ wars againſt ☽ proteſtants. *Solyman* ☽ Turk a terror to Chriſtendom. 5 yeares perſec: in England under Qu. *Mary*. Sore wars againſt ☽ protest: in France. Troubles for ☽ like cauſe in the Low countries. England happy under Queen *Elizabeth*. In this age (be...famous in all arts,) ſhine many great lights in ☽ church A... *Erasmus Oecolampadius, Pandect. Emser, Fagius, Pellican, Cranmer, Ridley, Io. à Lasco, Melancth, Bat. Martyr, Musculus, Calvin, Beza, Rollock, Perkins, Amesius, Trapp, Gataker, Gouge, Downame, Ball, Preston, Sibbes, Reynolds, Chrysost. Basil, Greg. Naz. &c. Wiclef, Huss, Hierom, Zisca, Luther, Melancth, Pomeran, Aepin, Brentius, Chemnitius, Lucas Osiander, Tilemannus, Paraeus, Polanus, with many others worthy everlasting remembrance.*